

Tetrahedron Letters Vol. 48, No. 6, 2007

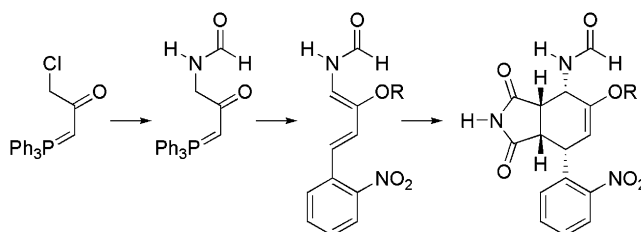
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COMMUNICATIONS

New nitrogenated siloxy butadienes from 1,3-dichloroacetone

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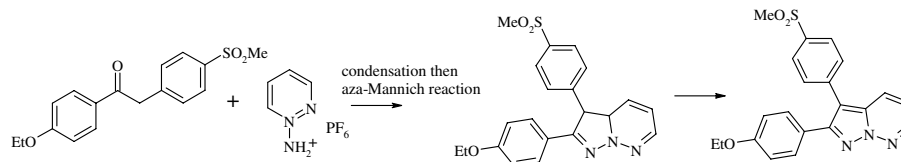
Dulce Alonso, Esther Caballero, Manuel Medarde and Fernando Tomé*



Efficient synthesis of the selective COX-2 inhibitor GW406381X

pp 911–913

Andrew J. Whitehead,* Richard A. Ward and Martin F. Jones

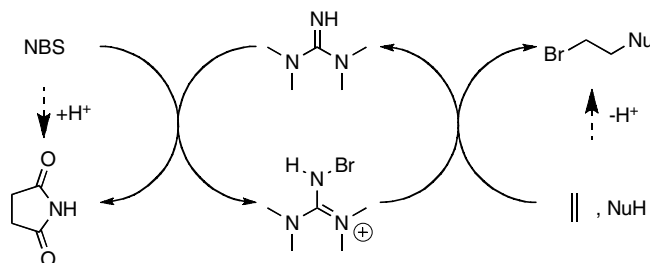


An efficient synthesis of the selective COX-2 inhibitor GW406381X is described via a novel intramolecular Mannich-type cyclisation to construct the pyrazolo-[1,5a]-pyridazine heterocyclic core.

Dimethylformamide, dimethylacetamide and tetramethylguanidine as nucleophilic organocatalysts for the transfer of electrophilic bromine from *N*-bromosuccinimide to alkenes

pp 915–918

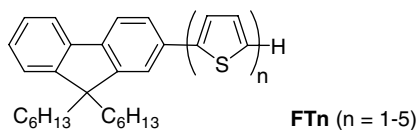
Simon M. Ahmad, D. Christopher Braddock,* Gemma Cansell and Stephen A. Hermitage



Synthesis, optical, electrochemical, and thermal properties of conjugated α -fluorenyl oligothiophenes

pp 919–923

Vinich Promarak,* Auradee Punkvuang, Duangratchaneegorn Meunmat, Taweesak Sudyoadsuk, Sayant Saengsuwan and Tinnagon Keawin

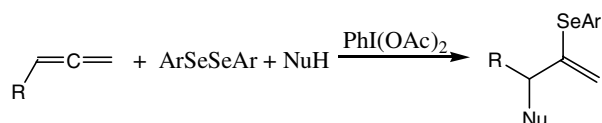


The synthesis and structural and physical properties of a series of new α -fluorenyl oligothiophenes up to the pentamer are reported. The optical, electrochemical, and thermal properties of these materials vary with the number of thiophene rings.

Multicomponent reactions of allenes, diaryl diselenides, and nucleophiles in the presence of iodosobenzene diacetate: direct synthesis of 3-functionalized-2-arylselenyl substituted allyl derivatives

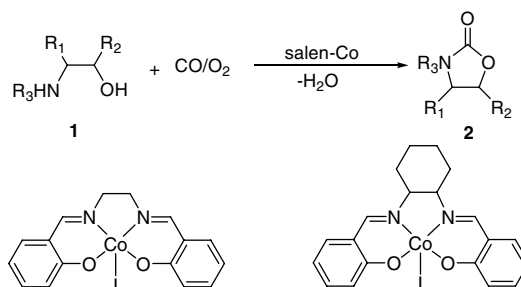
pp 925–927

Lei Yu, Bo Chen and Xian Huang*

**Synthesis of 2-oxazolidinones by salen-Co-complexes catalyzed oxidative carbonylation of β -amino alcohols**

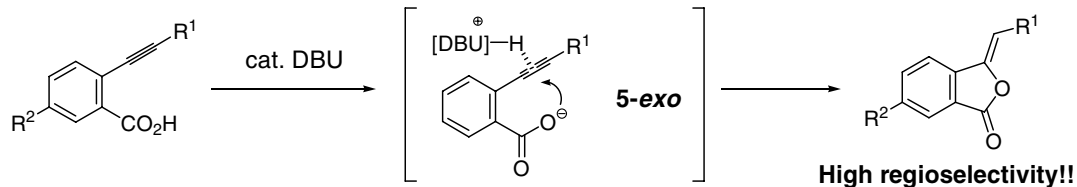
pp 929–932

Jian-Ming Liu, Xin-Gao Peng, Jian-Hua Liu, Shu-Zhan Zheng, Wei Sun* and Chun-Gu Xia*

**Organic-base-catalyzed synthesis of phthalides via highly regioselective intramolecular cyclization reaction**

pp 933–935

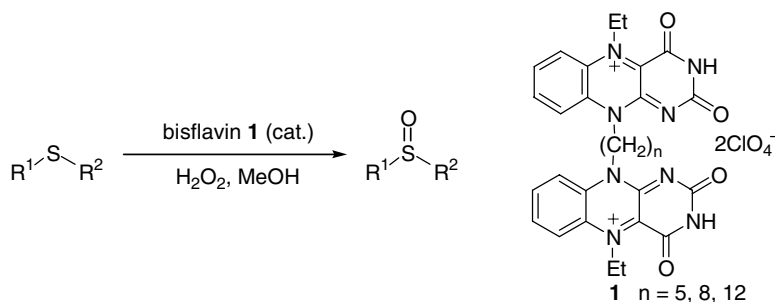
Chikashi Kanazawa and Masahiro Terada*



Oxidation of sulfides with hydrogen peroxide catalyzed by 10,10'-linked bisflavinium perchlorates

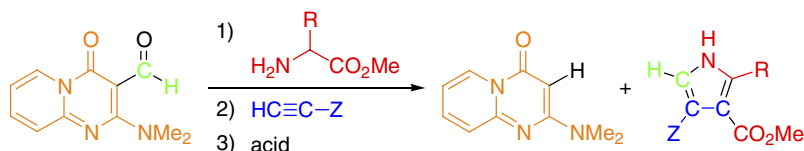
pp 937–939

Yasushi Imada,* Takashi Ohno and Takeshi Naota*

**Reaction of functionalized azomethine ylides with acetylenic dipolarophiles: the facile synthesis of functionalized 2*H*- and 1*H*-pyrroles**

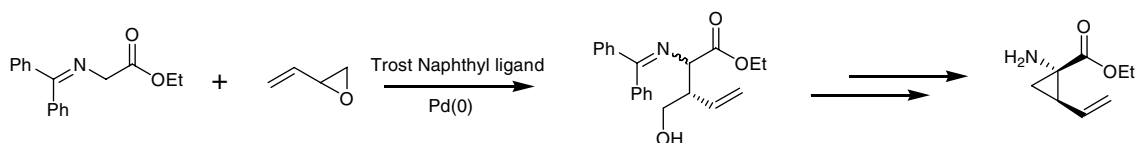
pp 941–944

Keisuke Kawashima, Masanori Hiromoto, Kyohei Hayashi, Akikazu Kakehi, Motoo Shiro and Michihiko Noguchi*

**Catalytic asymmetric synthesis of ethyl (1*R*,2*S*)-dehydrocoronamate**

pp 945–948

Martin E. Fox,* Ian C. Lennon and Vittorio Farina

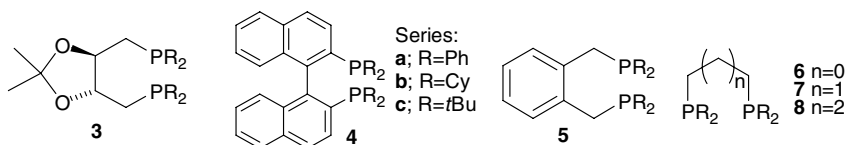


The asymmetric synthesis of (1*R*,2*S*)-dehydrocoronamic acid ethyl ester using palladium-catalysed nucleophilic ring-opening of 3,4-epoxy-1-butene with a glycine anion equivalent as the key enantiodifferentiating step is described.

Modification of ligand properties of phosphine ligands for C–C and C–N bond-forming reactions

pp 949–953

David J. Morris, Gordon Docherty, Gary Woodward and Martin Wills*

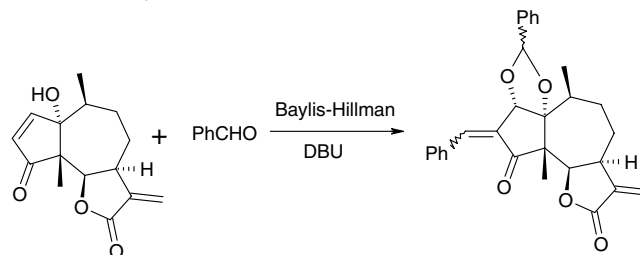


A series of ligands have been prepared for use in Pd-catalysed coupling reactions to form C–C and C–N bonds; significant differences are exhibited by similar ligands containing different phosphorus substituents.

The formation of novel 1,3-dioxolanes: atypical Baylis–Hillman reaction of a sesquiterpene lactone parthenin

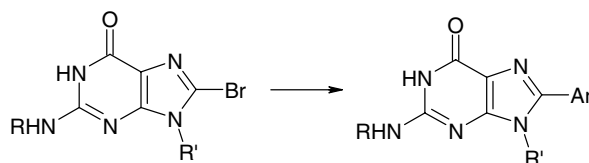
pp 955–960

Bhahwal A. Shah, Subhash C. Taneja,* Vijay K. Sethi, Pankaj Gupta, Samar S. Andotra, Swapandeep S. Chimni and Ghulam N. Qazi


Stille coupling approaches for the synthesis of 8-aryl guanines

pp 961–964

Pavel Arsenyan,* Martins Ikaunieks and Sergey Belyakov

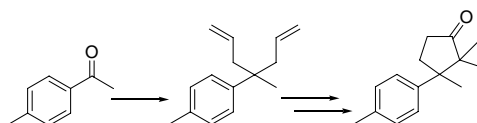


Reaction of 8-bromoguanines with aryl or hetaryl stannanes in the presence of a palladium catalyst and triphenylarsine or triphenylbismuth ligands leads to the formation of the corresponding 8-aryl(hetaryl)guanines in excellent yields.

A facile total synthesis of (±)- α -cuparenone employing diallylation and RCM as key steps

pp 965–966

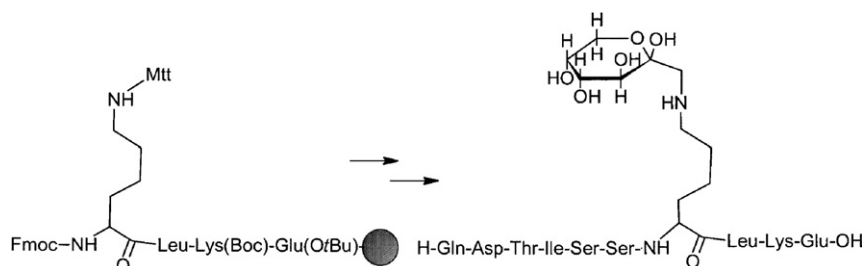
Subhash P. Chavan,* Abasaheb N. Dhawane and Uttam R. Kalkote


 A short and concise total synthesis of α -cuparenone employing one-pot diallylation and RCM as the key steps is described.

A new procedure for the synthesis of peptide-derived Amadori products on a solid support

pp 967–969

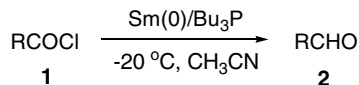
Piotr Stefanowicz,* Katarzyna Kapczyńska, Alicja Kluczyk and Zbigniew Szewczuk



A general and efficient reduction of acyl chlorides to aldehydes by Sm(0)/Bu₃P

pp 971–974

Xueshun Jia,* Xiaotao Liu, Jian Li, Peichao Zhao and Yongmin Zhang



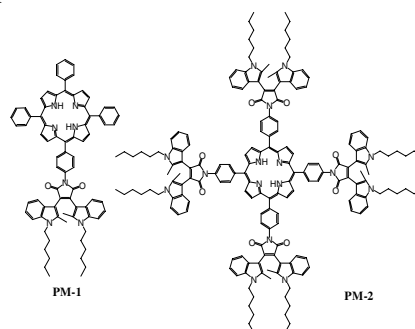
A facile and efficient reduction of aromatic and aliphatic acyl chlorides to their corresponding aldehydes in the presence of Sm(0)/Bu₃P has been developed with a broad scope. This method prevents over-reduction of products, that is, the over-reduction of aldehydes to alcohols.

Soluble porphyrin–bisindolylmaleimides dyad and pentamer as saturated red luminescent materials

pp 975–978

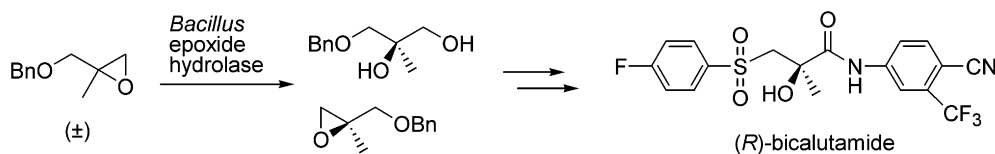
Yang Li, Lifeng Cao, Zhijun Ning, Zhe Huang, Yong Cao and He Tian*

Novel soluble porphyrin–bisindolylmaleimides dyad and pentamer were prepared in which the bisindolylmaleimide groups function as the antenna to enhance intramolecular energy transfer to the porphyrin core. These compounds are good candidates of red-light emitting materials for organic light-emitting diodes (OLEDs).

**Bacillus subtilis epoxide hydrolase-catalyzed preparation of enantiopure 2-methylpropane-1,2,3-triol monobenzyl ether and its application to expeditious synthesis of (R)-bicalutamide**

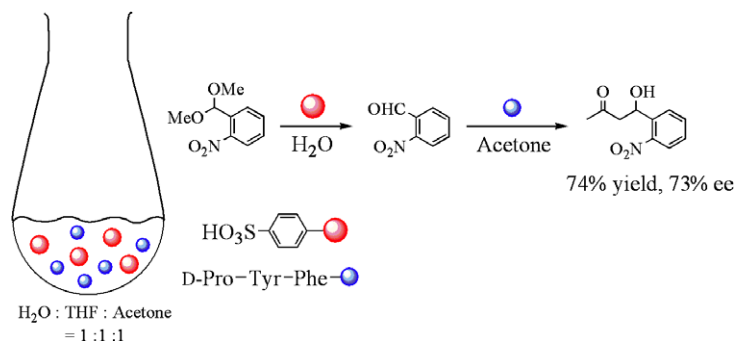
pp 979–983

Aya Fujino, Masayoshi Asano, Hitomi Yamaguchi, Naoki Shirasaka, Akiko Sakoda, Masaya Ikunaka, Rika Obata, Shigeru Nishiyama and Takeshi Sugai*

**Resin-supported acid- and base-catalyzed one-pot sequential reaction including an enantioselective step**

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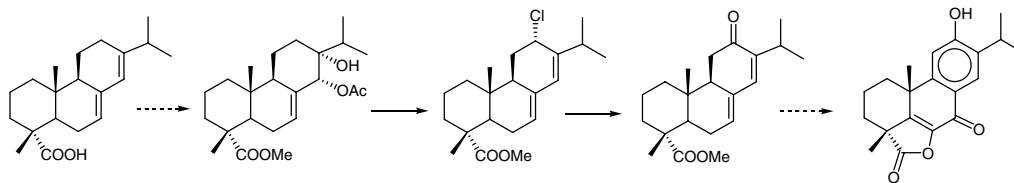
Kengo Akagawa, Seiji Sakamoto and Kazuaki Kudo*



First synthesis of picealactone C. A new route toward taxodione-related terpenoids from abietic acid

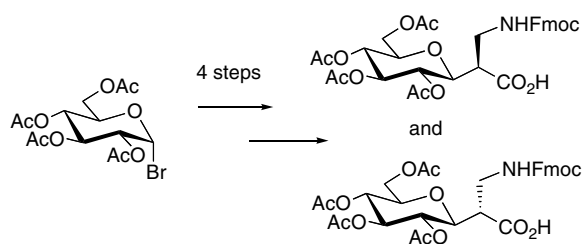
pp 989–992

Enrique Alvarez-Manzaneda,* Rachid Chahboun, Eduardo Cabrera, Esteban Alvarez, Ramón Alvarez-Manzaneda, Mohammed Lachkar and Ibtiassam Messouri

**Facile synthesis of 2-(β-C-glucopyranosyl)-β-amino acid: a new class of glycopeptide building block**

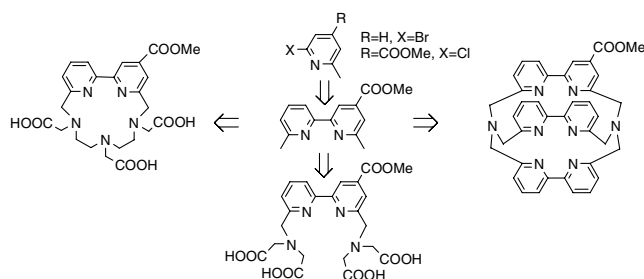
pp 993–997

Yoko Inaba, Shigenobu Yano and Yuji Mikata*

**A convenient synthesis of 6,6'-dimethyl-2,2'-bipyridine-4-ester and its application to the preparation of bifunctional lanthanide chelators**

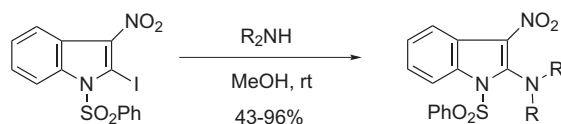
pp 999–1002

Fabien Havas, Mathieu Danel, Chantal Galaup, Pierre Tisnès and Claude Picard*

**Nucleophilic amination of 2-iodo-3-nitro-1-(phenylsulfonyl)indole**

pp 1003–1005

Sujata Roy and Gordon W. Gribble*

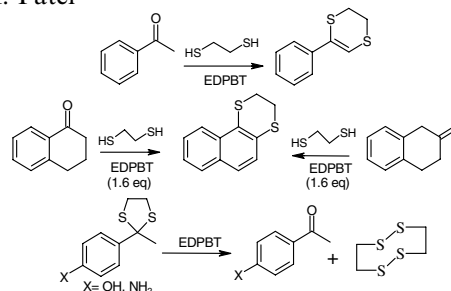
R₂NH = Me₂NH, Et₂NH, Bn₂NH, piperidine, pyrrolidine, morpholine, N-methylpiperazine, cyclohexylamine

A one-pot synthesis of 1,4-dithiins and 1,4-benzodithiins from ketones using the recyclable reagent 1,1'-(ethane-1,2-diyl)dipyridinium bistriflate (EDPBT)

pp 1007–1011

Siva Murru, Veerababurao Kavala, C. B. Singh and Bhisma K. Patel*

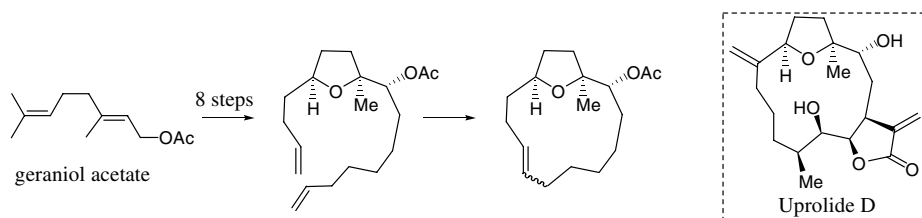
A novel access to 1,4-dithiins and 1,4-benzodithiins from the corresponding ketones using EDPBT in one-pot is described.



Central core of uprolides D and E: a survey of some ring closing metathesis approaches

pp 1013–1016

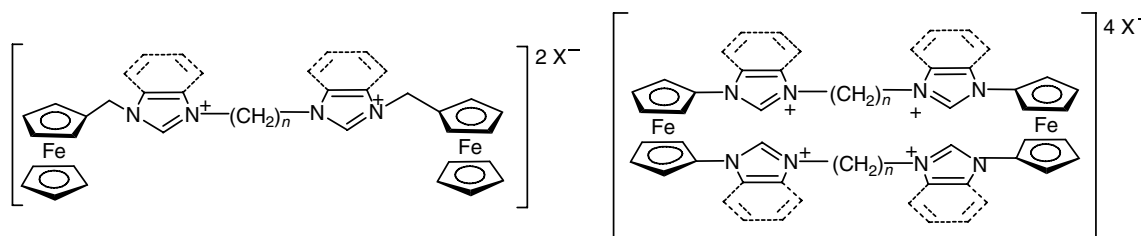
C. V. Ramana,* Sumanth R. Salian and Mukund K. Gurjar



Versatile reagents: ferrocenyl azolium compounds as auxiliary ligands for the Heck reaction and potential antifungal agents

pp 1017–1021

Andrea Dallas, Henry Kuhtz, Alan Farrell, Brid Quilty and Kieran Nolan*



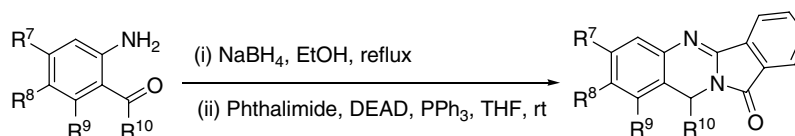
We report the synthesis, catalytic, and biological properties of new bridged and cyclic ferrocenyl azolium compounds.



Synthesis of the antitumoural agent batracylin and related isoindolo[1,2-*b*]quinazolin-12(10*H*)-ones

pp 1023–1026

Carlos M. Martínez-Viturro and Domingo Domínguez*



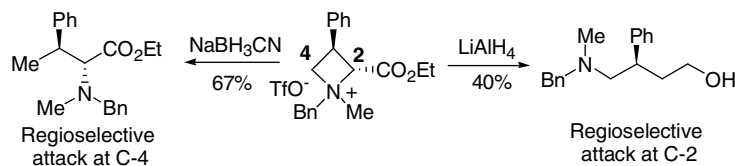
Reduction of *o*-acylanilines, followed by cyclocondensation with phthalimide under Mitsunobu conditions, provides a convenient two steps entry to diversely substituted isoindolo[1,2-*b*]quinazolin-12(10*H*)-ones.



Chemo- and regioselective reductive opening of azetidinium ions

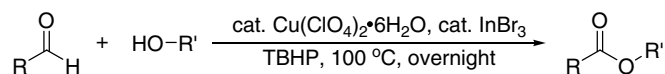
pp 1027–1031

François Couty,* Olivier David and François Durrat

**Copper-catalyzed oxidative esterification of alcohols with aldehydes activated by Lewis acids**

pp 1033–1035

Woo-Jin Yoo and Chao-Jun Li*

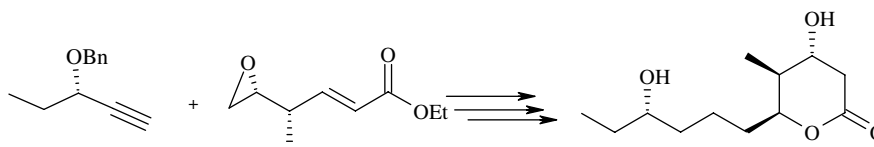


An efficient oxidative esterification of aromatic and aliphatic aldehydes with simple alcohols was accomplished using catalytic amounts of $\text{Cu}(\text{ClO}_4)_2 \cdot 6\text{H}_2\text{O}$ and InBr_3 with *tert*-butyl hydroperoxide as an oxidant.

Stereoselective synthesis of (3*R*,4*S*,5*S*,9*S*)-3,5,9-trihydroxy-4-methylundecanoic acid δ -lactone

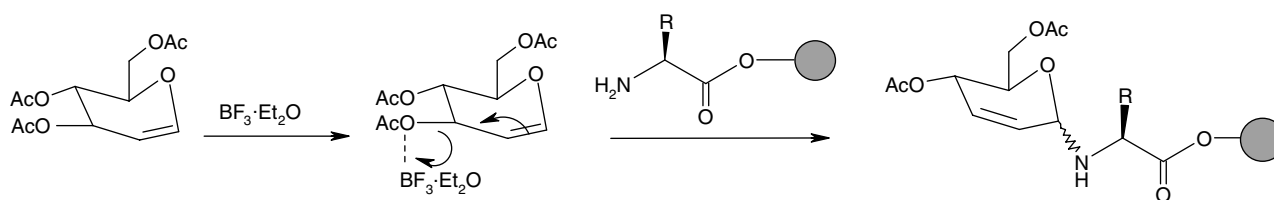
pp 1037–1039

J. S. Yadav,* P. Murali Krishna Reddy and P. Venkatram Reddy

**Ferrier rearrangement for the synthesis of PEG-bound 2,3-unsaturated glycopyranosyl-amino acids**

pp 1041–1043

Bilal A. Bhat, Syed Shafi, Basant Purnima, Abid Hussain Banday and H. M. Sampath Kumar*

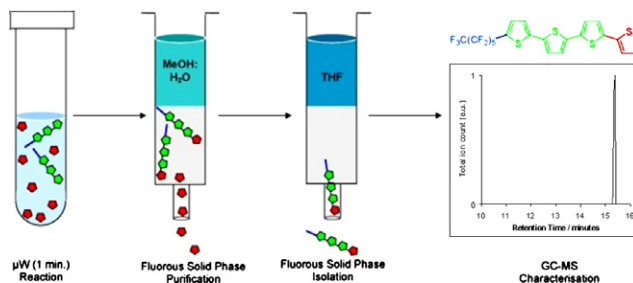


= MeO-PEG-OH

Rapid synthesis and fluorous-phase purification of α -perfluorohexyloligothiophenes

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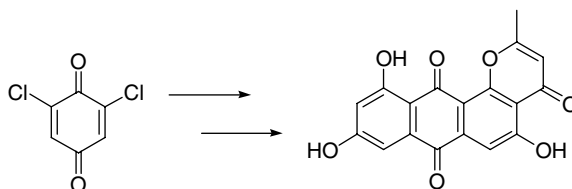
Mark C. McCairn and Michael L. Turner*



First total synthesis of topopyrone C

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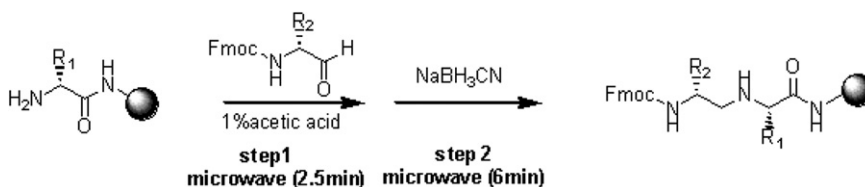
Sonia Gattinoni, Lucio Merlini and Sabrina Dallavalle*



Microwave-assisted solid-phase synthesis of pseudopeptides containing reduced amide bond

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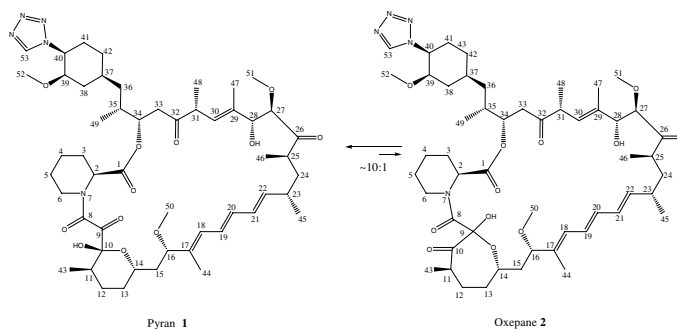
Mi-Sun Park, Hyun-Sik Oh, Hyeongjin Cho* and Keun-Hyeong Lee*



Synthesis, isolation, and characterization of ABT-578 equilibrium isomers

pp 1059–1062

Madhup K. Dhaon,* Casey C. Zhou, Sanjay Chemburkar and Howard Morton

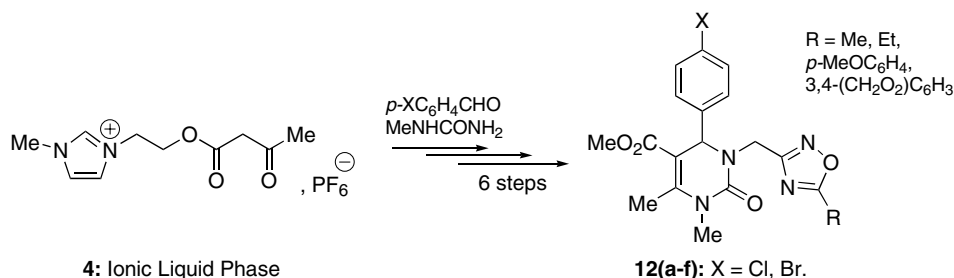


Pyran 1

Oxepane 2

A new approach to N-3 functionalized 3,4-dihydropyrimidine-2(1H)-ones with 1,2,4-oxadiazole group as amide isostere via ionic liquid-phase technology pp 1063–1068

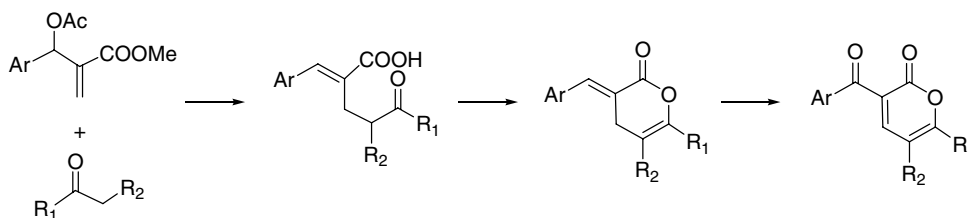
Jean Christophe Legeay, Jean Jacques Vanden Eynde and Jean Pierre Bazureau*



Synthesis of 3,5,6-trisubstituted α -pyrones from Baylis–Hillman adducts

pp 1069–1072

Seong Jin Kim, Hyun Seung Lee and Jae Nyoung Kim*



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*Corresponding author

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